

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/004199

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C07B59/00 A61K51/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07B A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	S.K. ZEISLER ET AL.: "CONVERSION OF NO-CARRIER ADDED <sup>11</sup> C!CABON DIOXIDE TO <sup>11</sup> C!CABON MONOXIDE ON MOLYBDENUM FOR THE SYNTHESIS OF <sup>11</sup> C-LABELLED AROMATIC KETONES" APPL. RADIAT. ISOT., vol. 48, no. 8, 1997, pages 1091-1095, XP002326941 cited in the application	1-13, 17
Y	page 1093, left column, paragraph "syntesis of <sup>11</sup> C!benzophenone"; page 1094 reaction scheme; Figure 1;  ----- -/--	14, 15, 19-23

☒ Further documents are listed in the continuation of box C.☐ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

20 May 2005

Date of mailing of the international search report

30/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax (+31-70) 340-3016

Authorized officer

Kleidermigg, 0

## INTERNATIONAL SEARCH REPORT

PCT/IB2004/004199

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CECILE PERRIO-HUARD ET. AL.: "REDUCTIVE AMINATION OF CARBOXYLIC ACIDS AND '11C!MAGNESIUM HALIDE CARBOXYLATES" J. CHEM. SOC. PERKIN TRANS. 1, 2000, pages 311-316, XP002326942 cited in the application	16,18
Y	page 312, right column, last paragraph; page 313, table 2; page 313, scheme 3; -----	14,15, 19-23
X	PELLE LIDSTRÖM ET.AL.: "'11C!CARBON MONOXIDE IN THE PALLADIUM-MEDIATED SYNTHESIS OF '11C!-LABELLED KETONES" J. CHEM. SOC. PERKIN TRANS. 1, 1997, pages 2701-2706, XP002326943 cited in the application	13
Y	page 2702, table 1; pabe 2705, right column, last paragraph - page 2706, left column third paragraph; -----	19-23